KODAK PROFESSIONAL Easy Print Software
for
Large Format 3000 Series Inkjet Printers

USER'S GUIDE

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About This Guide

This guide provides information that key operators and users of KODAK PROFESSIONAL Easy Print need to know to install and configure the software.

This guide is organized as follows:

Introduction - describes what is included with Easy Print, Easy Print features, and how to get help.

Installing Easy Print - lists the system requirements for installing Easy Print, and explains how to install Easy Print and configure your printer to work with Easy Print.

Using Easy Config - explains how to set user defaults for Easy Print, how to configure your input and output devices, how to add new media and update current media.

Using Easy Print - explains how to make prints with Easy Print.

1 Introduction

Welcome to KODAK PROFESSIONAL Easy Print (Easy Print). With Easy Print you can easily print images on any of the KODAK PROFESSIONAL Large Format 3000 Series Inkjet Printers (3000 Series Printers) using KODAK PROFESSIONAL EI Inks and Media to achieve the best image quality possible. With a few simple controls, select an image for printing, adjust the size and quality of your finished print, and select the media for the print job. Each media selection contains a complete set of printing parameters. Easy Print then combines the selections you made with the parameters that are included with the media to give you the best possible print.

Package Contents

- CD
- User's Guide
- Registration Card

Easy Print Features

The software is easy to install on either your WINDOWS-based or MACINTOSH computer. Easy Print includes a user-friendly interface that can be configured for default settings and has the capability to update current media or add new media parameters.

Easy Print is compatible with most popular image editing software applications such as ADOBE PHOTOSHOP, ADOBE ILLUSTRATOR or any application capable of printing images in the following formats:

- TIFF
- JPEG
- KODAK Photo CD
- KODAK Picture CD
- PRF (Easy Print Ready Format)

3000 Series Printer Compatibility

Easy Print may be used to send print jobs to any of the 3000 Series Printers using KODAK PROFESSIONAL inks and media. Contact your dealer of KODAK products for a listing of the media currently available for your 3000 Series Printer.

Input Sources

You can use Easy Print to send jobs to your 3000 Series Printer from a variety of input sources such as digital cameras and scanners.

Getting Help with Easy Print

Your dealer of KODAK products is the best source for information about installing, configuring, and using Easy Print. Contact your dealer with any questions you have.

For technical support in the US, call 1-800-23KODAK (1-800-235-6325) between 9:00 a.m.and 8:00 p.m. Eastern Standard Time on regular business days. Call this number for:

- help setting up or operating the printer
- service
- warranty information
- information about other KODAK products

The FAX back number for product literature is 1-800-508-1531. You may call this number 7 days a week, 24 hours a day.

Getting Help from Outside the United States

Help numbers for Canada, the Asia/Pacific, and European regions are listed below.

Country	Country code	Helpline number
Australia		1-300-130-674
Belgium	32	02-713-14-45
Canada		1-800-465-6325
Denmark	45	3-848-71-30
Finland	35	0800-1-17056
France	33	01-55-1740-77
Germany	49	069-5007-0035
Hong Kong	54	852-2564-9777
Indonesia	65	65-470-9875
Ireland	353	01-407-3054
Italy	39	02-696-334-52
Korea	82	82-2-708-5400
Malaysia	60	3-757-2722
Netherlands	31	020-3469372
Norway	47	23-16-21-33
Philippines	63	63-2-810-0331
Portugal	44	44-0-131-458-6714

Country	Country code	Helpline number
Singapore	65	65-470-9875
Spain	34	91-749-76-53
Sweden	46	08-587-704-21
Switzerland	41	01-838-53-51
Taiwan		886-2-893-8210
Thailand	66	66-2-271-3040
UK	44	0870-2430270

Getting Information from the KODAK Home Page

You may refer to Kodak's Web site for information on available media, troubleshooting, and product support topics. Type the following address:

http://www.kodak.com/go/support

Support for Easy Print can be found by selecting "Easy Print" from the alphabetical list, or by typing Easy Print in the search field on this page.

2 Installing Easy Print Software

This chapter explains how to install the software and configure KODAK PROFESSIONAL Easy Print to work with your KODAK PROFESSIONAL Large Format 3000 Series Inkjet Printer.

Minimum System Requirements

You can install Easy Print on a WINDOWS-based or a MACINTOSH computer that has the following hardware and software installed:

WINDOWS Systems

- 233 Mhz Pentium II processor or higher
- WINDOWS 98, or WINDOWS NT 4.0 with Service Pack 3 or higher
- 15 in. monitor with a resolution of 800 x 600 dpi or higher
- minimum 64 MB of RAM
- 1284 ECP compatible parallel port or a 10/100 Mbit network card installed
- 6 GB hard drive or greater with a minimum 50 MB of free hard drive space
  Note: For large image rotation at least 200 MB of free hard drive space is required.

MACINTOSH Systems

- Power Mac G3 or G4 Processor with OS Version 8.6 and 9.0.4 only
- 15 in. monitor with a resolution of 800 x 600 dpi or higher
- minimum 64 MB of RAM
- 1284 ECP compatible parallel port or a 10/100 Mbit network card installed
- 6 GB hard drive or greater with a minimum 50 MB of free hard drive space
  Note: For large image rotation at least 200 MB of free hard drive space is required.

Installing the Software

Your system should be up and running before you install Easy Print.

1. Close all open applications.

IMPORTANT: Make sure that all applications are closed and not just minimized. If you leave any applications open and try to install the software, the open applications may interfere with the installation.

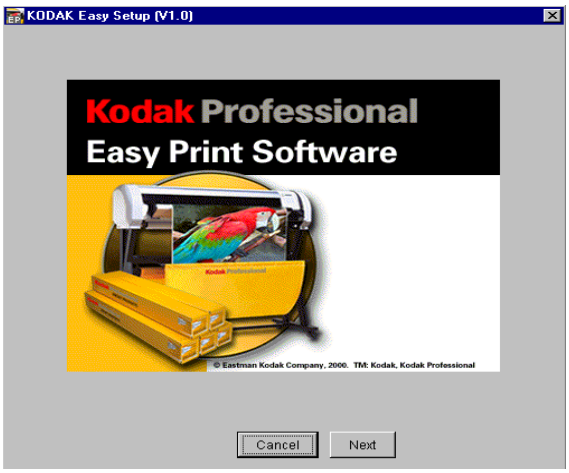
2. Place the Easy Print CD in the CD-ROM drive and navigate to the CD drive.

IMPORTANT: *Do not use the Browse button to change the destination folder for the JavaRuntime Environment.*

3. Double-click **Easy Setup.BAT**.

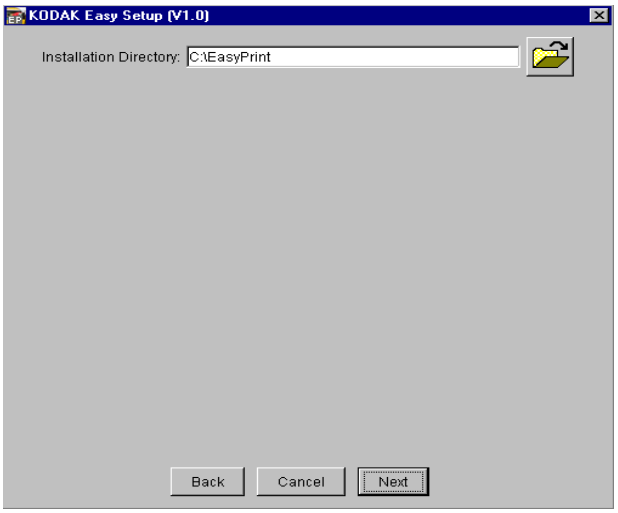
Note: For WINDOWS 98, you may need to exit the DOS screen.

The KODAK Easy Setup screen appears.



4. Click **Next**.

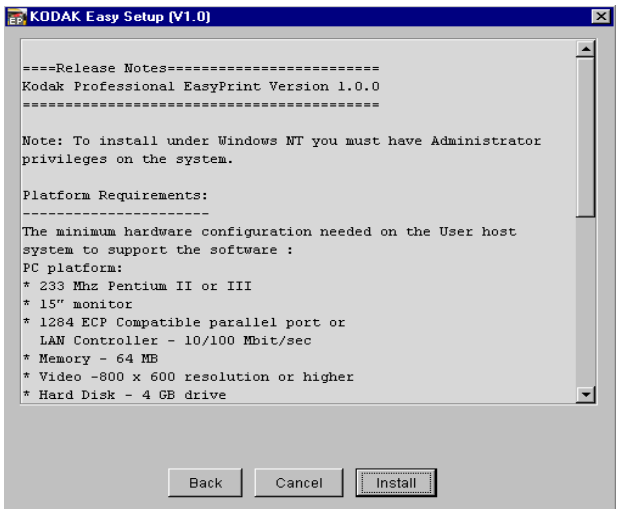
The KODAK Easy Setup screen appears.



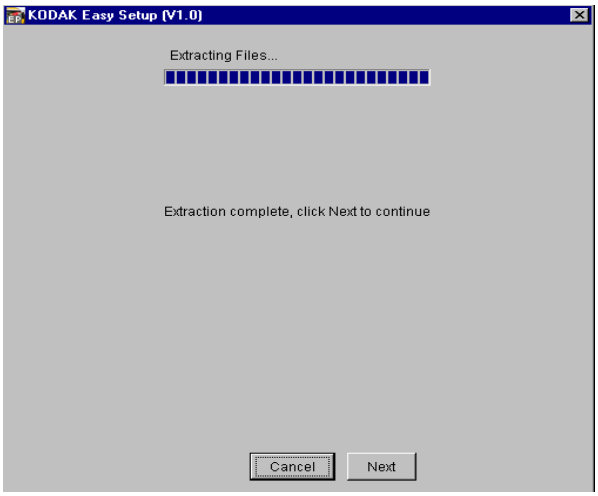
5. Easy Print creates an Easy Print directory on the C: drive. If you wish to install Easy Print in a different location, click the open folder icon; and select the directory. Click **Next** when the correct directory appears in the box.

6. In the license agreement screen that appears, click **Accept** to agree with the terms and conditions of the agreement.

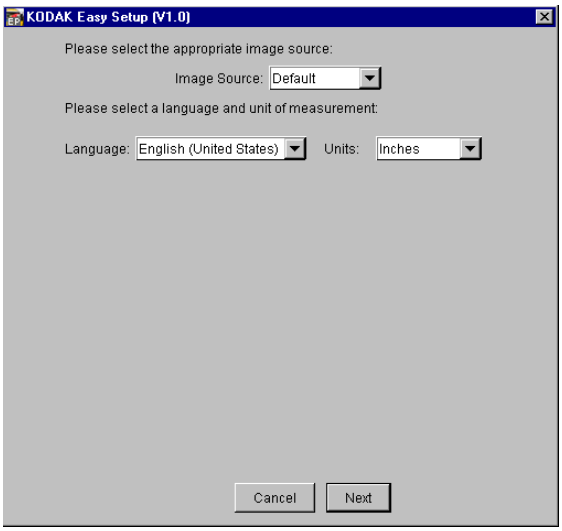
The release notes appear. Read them now or later. They will be installed in the Easy Print Directory.


KODAK Easy Setup (V1.0)
====Release Notes==========
Kodak Professional EasyPrint Version 1.0.0
Note: To install under Windows NT you must have Administrator privileges on the system.
Platform Requirements:
The minimum hardware configuration needed on the User host system to support the software :
PC platform:
* 233 Mhz Pentium II or III
* 15" monitor
* 1284 ECP Compatible parallel port or
LAN Controller - 10/100 Mbit/sec
* Memory - 64 MB
* Video -800 x 600 resolution or higher
* Hard Disk - 4 GB drive
Back
Cancel
Install

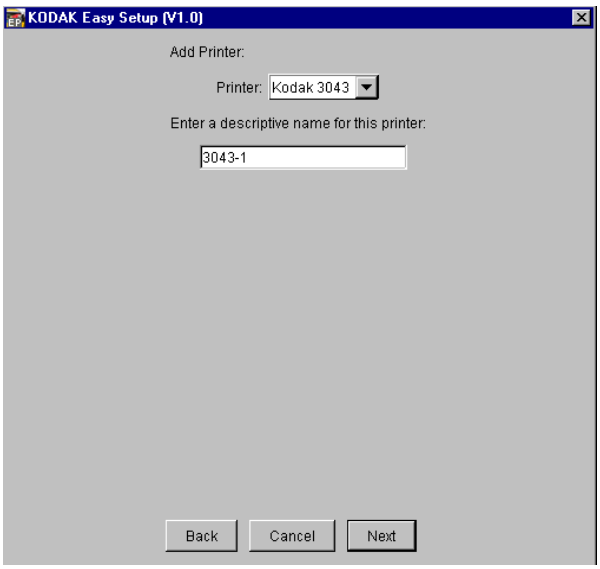
7. Click **Install**.
8. After Easy Print extracts the files, click **Next**.



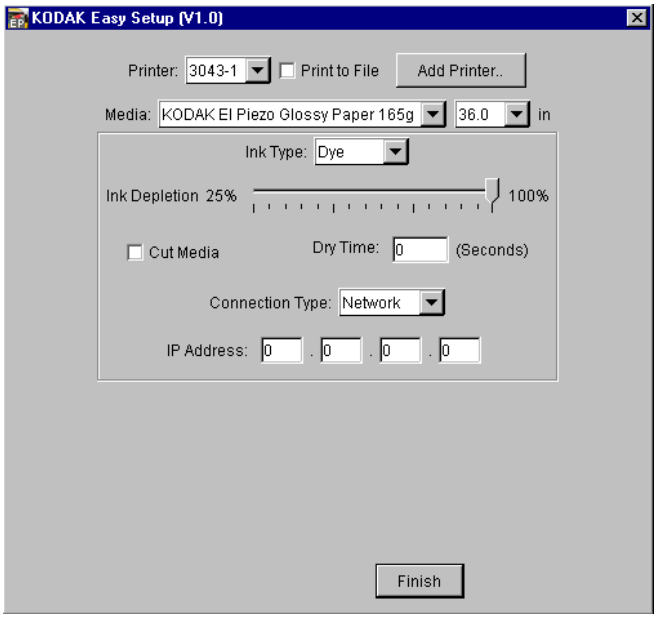
9. Make your selections for:
   - Image Source
   - Language
   - Units



10. Click **Next**.
11. Select the printer you wish to configure.
12. Type in a descriptive name for the printer in the box.
13. Click **Next**.



A screen appears that allows you to set the parameters for your printer.



14. Select the printer you wish to configure from the **Printer** list.

15. Select the media to be used in the printer and its width from the **Media** lists.

16. Select the type of ink loaded in the printer from the **InkType** list.

17. Move the slider to set a value for **Ink Depletion**. The value you set determines the amount of ink that is applied to the media.

Note: The normal value is 100 percent. Decreasing the value can cause image quality problems. Setting the Ink Depletion for 100% is adequate for most conditions.

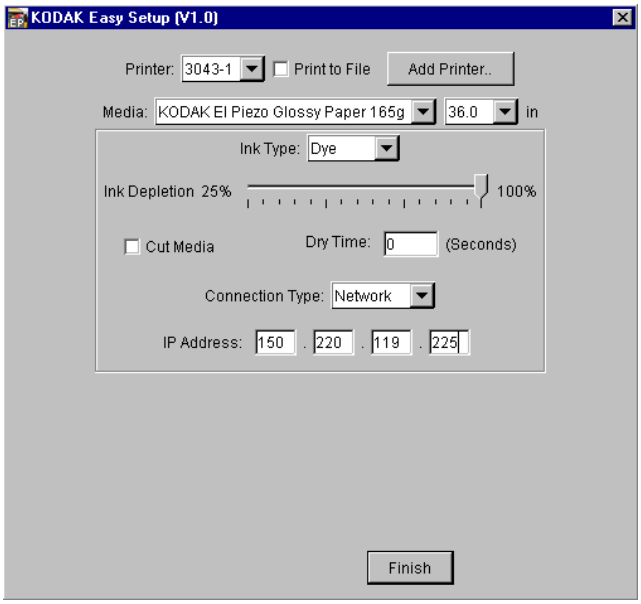
18. Click the **Cut Media** check box if you want the printer to cut the media after printing.

Note: Certain types of media, such as EI canvas, can not be cut due to the thickness of the media.

19. Enter the number of seconds that the printer waits before cutting in the **Dry Time** box.

20. Select the type of connection the printer has to your host computer in the **Connection Type** list.

21. If your printer is on a network, enter the IP address for the printer in the **IP Address** box.



22. Click **Finish**, or click **Add Printer** to add another printer to your system configuration and repeat Steps 11 - 21.

3 Using Easy Config

Easy Config is a program that allows you to set defaults for commonly-used options for print jobs. Setting defaults eliminates the need for you to set them for each print job. You can also use the options in Easy Config to establish workflows, configure KODAK PROFESSIONAL Easy Print, add printers, add new media, and update current media.

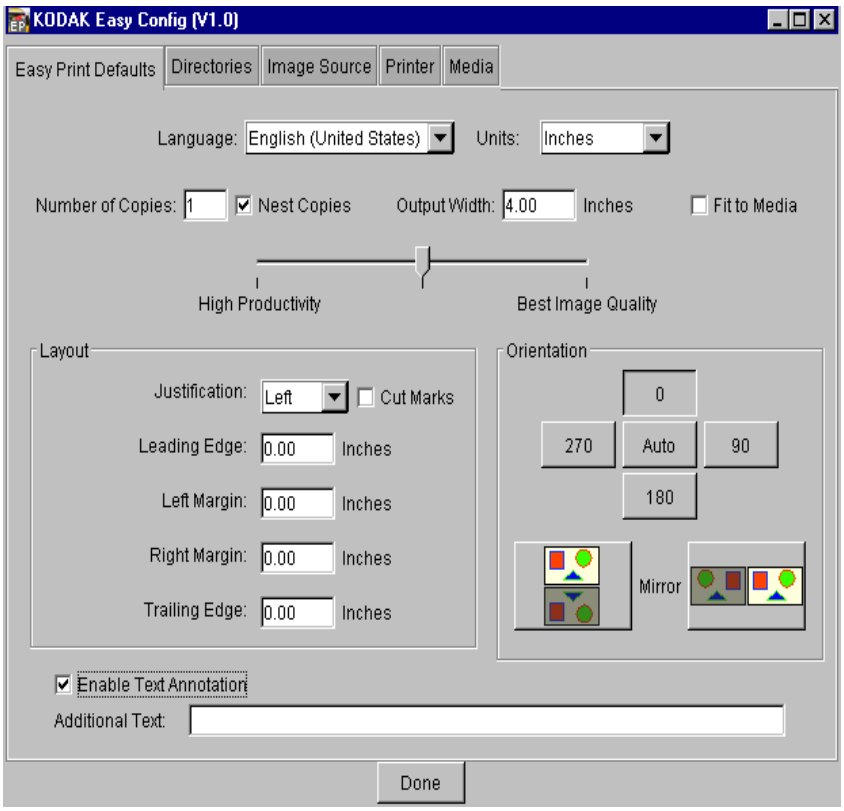
Note: Once you make a change it is set unless you change it back to the original setting.

To launch the Easy Config application:

- From the WINDOWS desktop, click the **Start** menu, and select **Programs**> **Easy Print**>**Easy Config**.
- From a MACINTOSH computer, navigate to the Easy Print folder and double-click the Easy Config icon.

Note: Depending upon system performance, you may have to wait for Easy Config to initialize the Graphic User Interface (GUI).

Setting the Defaults on the Easy Print Defaults Tab



You can set defaults for the following options on the Easy Print Defaults tab of the Easy Config dialog box. Your saved settings are effective when you exit Easy Config.

Language - Select the language in which Easy Print appears.

Units - Select either Inches or Centimeters as the measurement unit.

Number of Copies - Enter the number of copies you wish to appear as the default.

Note: You can override the copies default setting for an individual job. Easy Print will revert to the default setting when you load a new job or restart Easy Print.

Nest Copies - Select the Nest Copies check box to place copies of the image across the width of the media. This allows Easy Print to make the most efficient use of the media when you print multiple copies of the same image.

Note: The number of images placed across the width of the media depends upon the width of the media and the width of the image.

Output Width - Enter a default value for the width of the printed image. Tiff images will default to the value in the header of the file if it exists.

Fit to Media - Select this check box to change the default width of the image to fit the width of the media loaded.

Printing Quality - Move the slider to the right for the best image quality at a slower speed. Move the slider to the left for good quality at a higher speed. Move the slider to the center for a balance of speed and print quality.

Justification - Select Left to align the image on the left edge of the media, or select Right to align the edge of the image along the right edge of the media. Select Center to place the image in the center of the media.

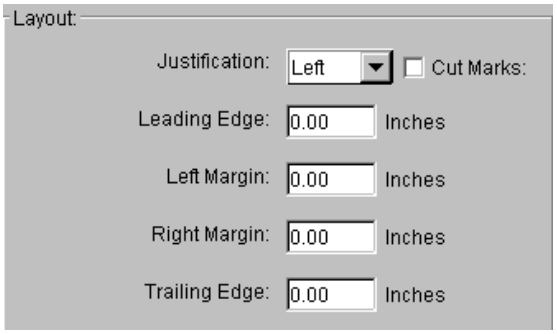
Cut Marks - Select this check box to print marks so that you can easily trim your output.

Leading Edge - Enter a value to determine the amount of white space at the top of the print.

Left Margin - Enter a value to determine the amount of white space on the left side of the print.

Right Margin - Enter a value to determine the amount of white space on the right side of the print.

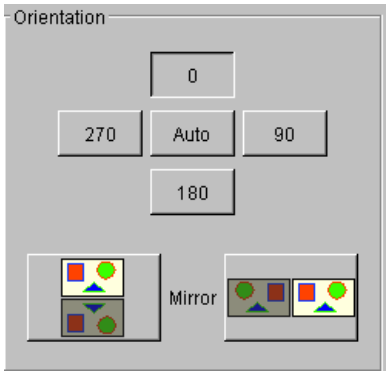
Trailing Edge - Enter a value to determine the amount of white space at the bottom of the print.



Orientation - Click the button to select the degree of rotation for your prints.

Note: The 0 setting prints the image in the orientation in which the image was created. The Auto setting allows Easy Print to select the orientation that best places the image to conserve media.

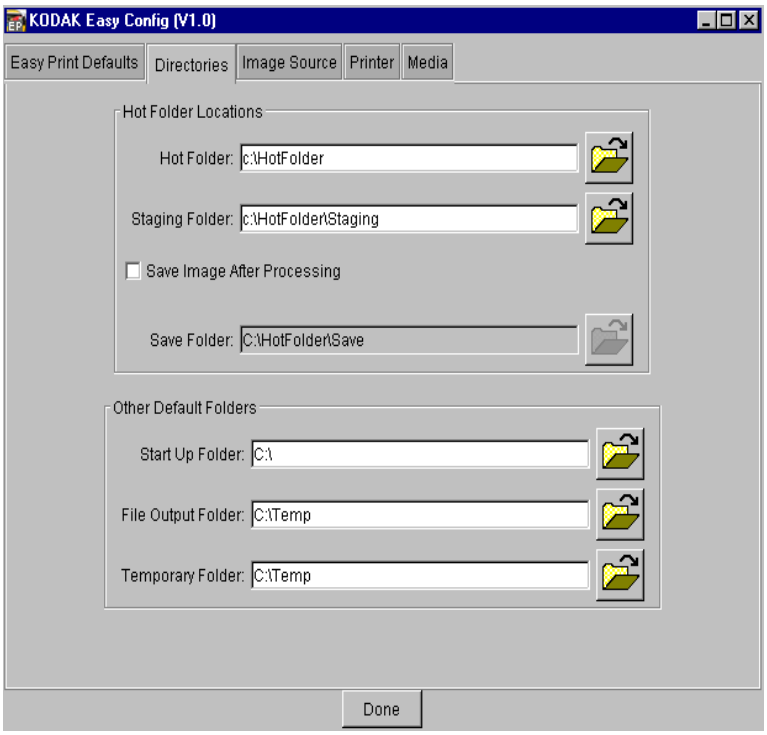
Mirror - Select either a horizontal or vertical mirror image, if desired.



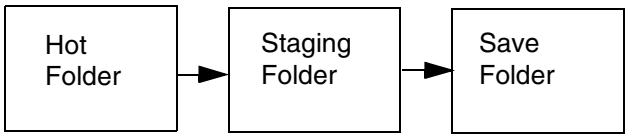
Enable Text Annotation - Select the check box and enter identifying text in the **Additional Text** box that you wish to appear on the trailing edge of your print, along with the print job data.

Note: This feature is not available for MACINTOSH systems.

Setting the Defaults on the Directories Tab



Use the options on the **Directories** tab to designate folders in which Easy Print looks for images to print. The typical workflow for Easy Print is as follows:



Hot Folder (optional) - Click the open folder icon, and locate the folder you wish to designate as the hot folder. The folder can be located on a network or on a local drive. This folder then becomes the location where Easy Print looks for the next image to print. Press Enter to validate the change.

Staging Folder (optional) - Click the open folder icon, and locate the folder you wish to designate as the staging folder. The folder should be located on a local drive. This folder then becomes the location to which Easy Print moves the images that are ready for printing. Press Enter to validate the change.

Save Image After Processing - Select this check box if you want your images saved after you print them.

Save Folder - Click the open folder icon, and locate the folder you wish to designate as the Save Folder. If you selected the **Save Image After Processing** check box, Easy Print moves image files to this folder after printing. Press Enter to validate the change.

The following are additional folders you may wish to use depending upon your workflow and the types of images you print:

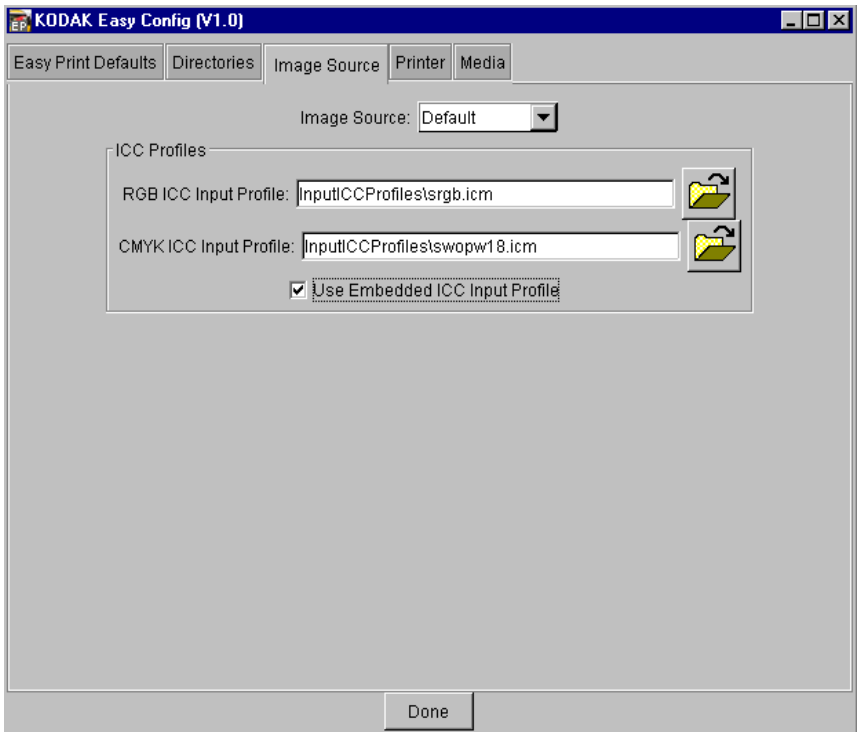
Start Up Folder - Click the open folder icon, and select the folder Easy Print searches for first when browsing for an image file in Easy Print. Press Enter to validate the change.

File Output Folder - Click the open file icon, and select the folder to save files that are processed using the Print to File option in Easy Print. The Print to File option processes images but does not print them. Press Enter to validate the change.

Temporary Folder - Click the open folder icon, and select a folder as a work space for large files during processing. Press Enter to validate the change.

Note: The temporary folder should not be set to the root directory, for example, C:\.

Setting the Defaults on the Image Source Tab



You can print images created on different input devices such as digital cameras and scanners. Use the following options on the Image Source tab to configure Easy Print to work with your input devices for the best possible prints:

Image Source - Select the device you wish to configure. The default that appears is the device you set when you installed the software.

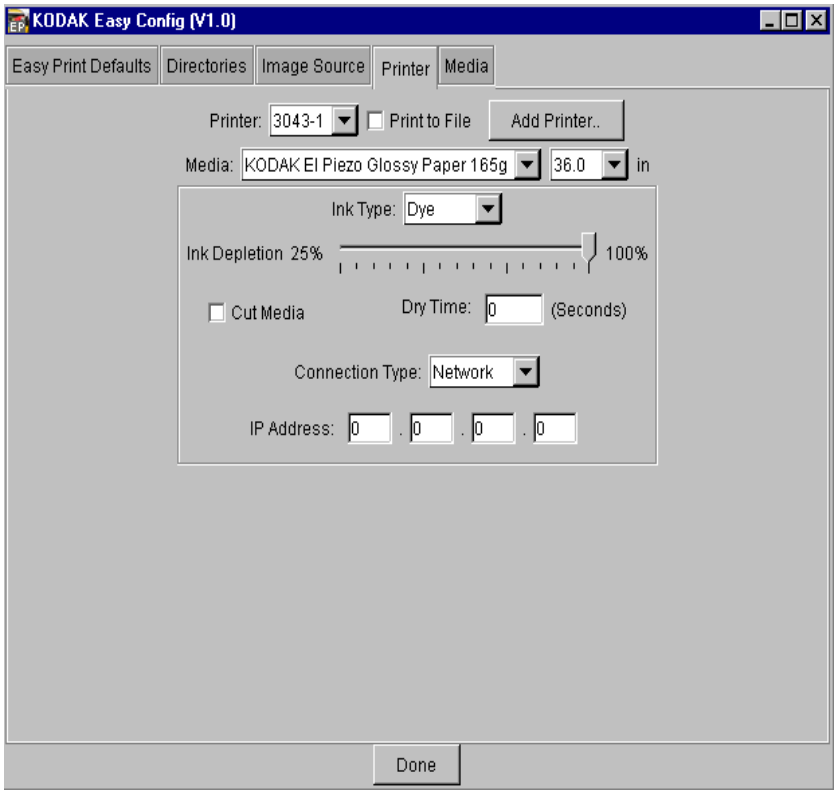
RGB ICC Input Profile - Select an RGB ICC input profile if you created or obtained one for your image source. Otherwise, the default should be used.

CMYK ICC Input Profile - Select a CMYK ICC input profile if you created or obtained one for your image source. Otherwise, the default should be used.

Note: The RGB and CMYK ICC Input Profile options are available when the input device supports RGB or CMYK input.

Use Embedded ICC Input Profile - Select this check box if you wish to use the ICC profiles that are embedded in the image.

Setting the Defaults on the Printer Tab



The Printer tab allows you to change the defaults for a variety of output devices. The options that appear in the configuration box are specific to the output device you select. The following options are specific to a 3000 Series Printer:

Printer - Select your output device from the list.

Print to File - Select this check box to process images to print at a later time.

Media - Select the media loaded in the 3000 Series Printer and the width of the media.

Ink Type - Select the type of ink that is installed in the 3000 Series Printer, either dye or pigment.

Ink Depletion - The value you set determines the amount of ink that is applied to the media. The normal value is 100 percent. Decreasing the value can cause image quality problems.

Note: The normal value is 100 percent. Decreasing the value can cause image quality problems. Setting the Ink Depeletion for 100% is adequate for most conditions.

Cut Media - Select this check box if you want the printer to cut the media after printing.

Note: Certain types of media, such as EI canvas, can not be cut due to the thickness of the media.

Dry Time - Enter a value for how long the printer waits before cutting in the Dry Time field.

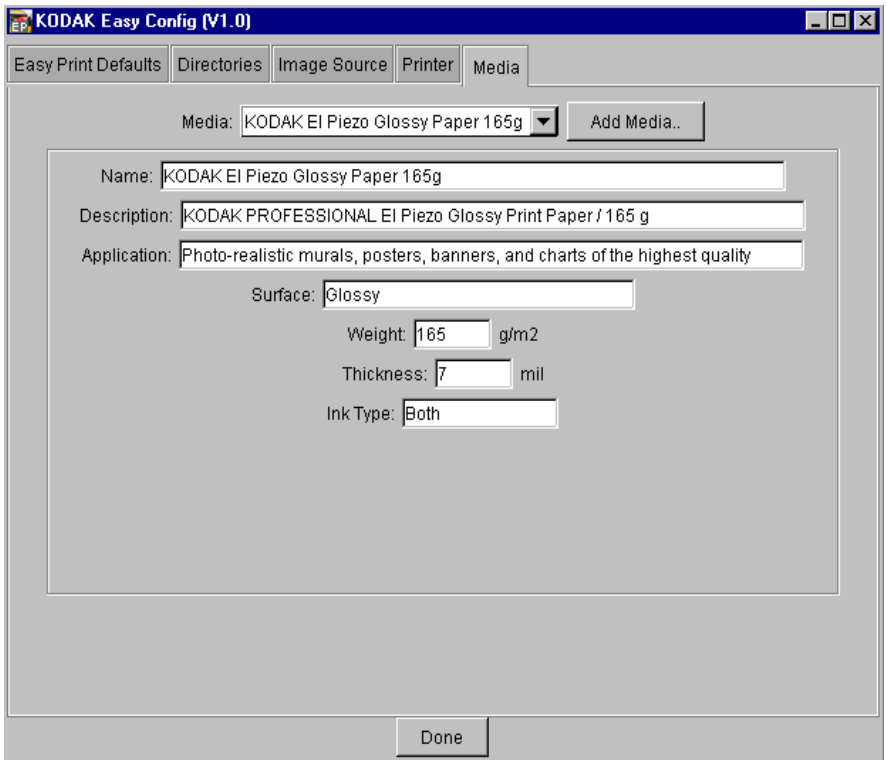
Connection Type - Select the type of connection the printer has to your host computer in the **Connection Type** list.

Parallel Port - Select the local port to be used if the printer is connected using a parallel port.

IP Address - Enter the IP address for the printer if it has a network connection.

Updating Media Files

Adding New Media on the Media Tab



1. Click Add Media.

The Update Installed Media window appears.

2. Update media using Web access or CD.

To update using the Web:

- Connect to the Internet service provider and do one of the following.

  – If you have a WINDOWS-based computer, type the address exactly as follows (the address is case sensitive): ftp://ftp.kodak.com/EasyPrint/EasyPrintPC. Press Enter to validate the change.

  – If you have a MACINTOSH computer, type the address exactly as follows (the address is case sensitive): ftp://ftp.kodak.com/EasyPrint/EasyPrintMac. Press Enter to validate the change.

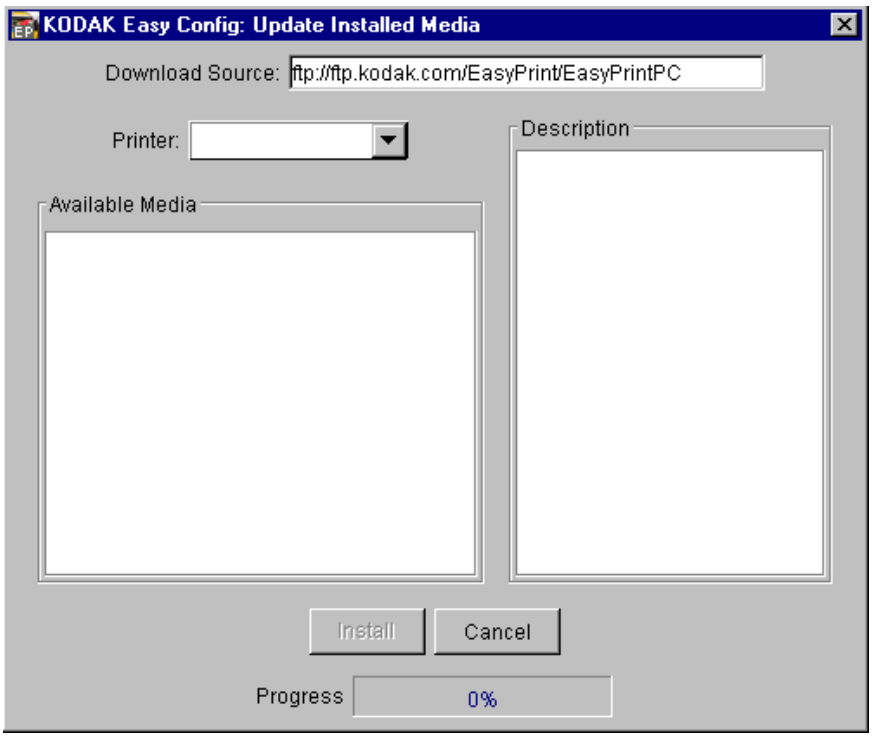
To update using a CD:

- Type in the letter for the CD-ROM drive on the desktop. Press Enter to validate the change.

3. Choose a printer from the drop-down menu.

All available media appears.

4. Select one or more media from the Available Media box.



5. Click **Install**.

4 Using Easy Print

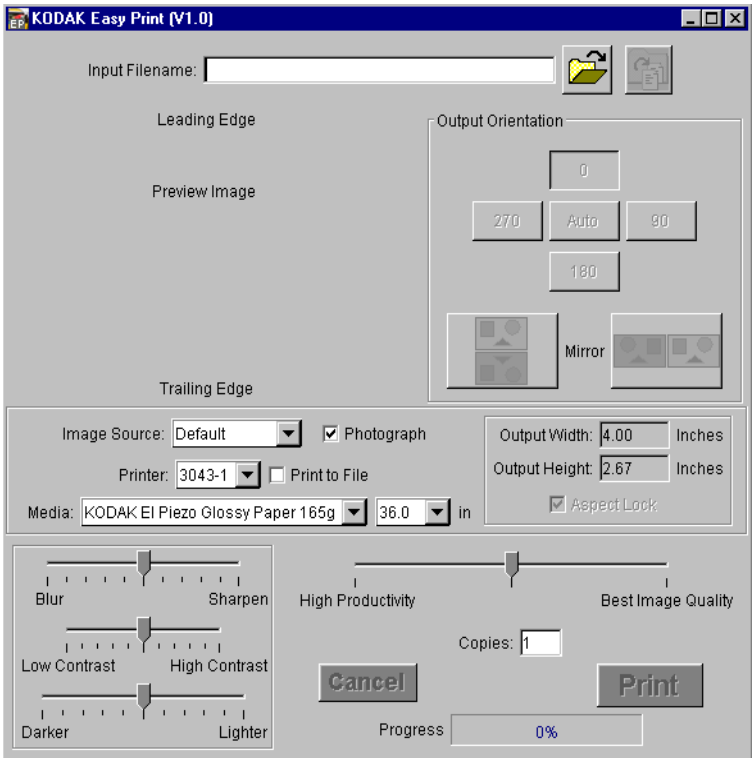
This chapter contains information you need to send print jobs to the KODAK PROFESSIONAL 3000 Series Inkjet Printers using KODAK PROFESSIONAL Easy Print. These instructions assume that you have installed Easy Print and configured it for the workflow in your printing environment.

Printing an Image File

1. Launch the Easy Print application:
   - From the WINDOWS desktop, click the Start menu, and select Programs>Easy Print>Easy Print.
   - From a MACINTOSH computer, navigate to the Easy Print folder, and double-click the Easy Print icon.

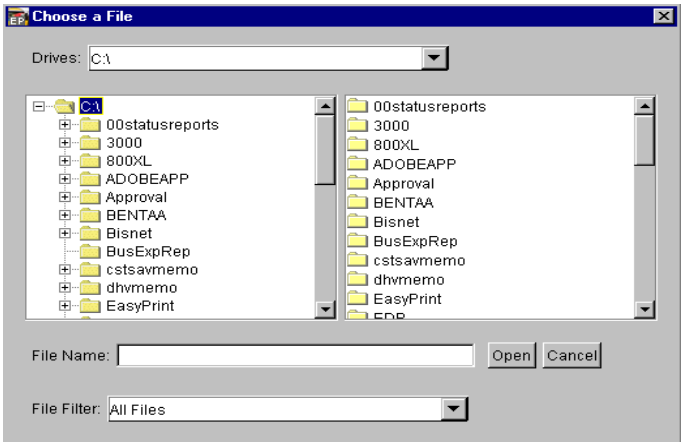
Note: Depending upon system performance you may have to wait for Easy Print to initialize the Graphic User Interface (GUI).

The Kodak Easy Print window appears.



2. If you are not using the hot folder, click the open folder icon.

3. Locate the image you wish to print.



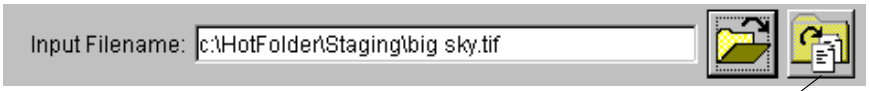
Note: The Easy Print open file utility can not open images:

- from the network neighborhood
- off the desktop
- through shortcut folders

4. Click **Open**.
5. The file name for the image appears in the Input Filename box, and the image appears in the preview area of the Easy Print dialog box.
6. Accept the default settings, or make any changes you wish.
7. Click **Print** to send the image to the printer.

Printing an Image from the Hot Folder

If the hot folder contains ready-to-print images, the name of the first image in the folder appears in the Filename box. The icon for the hot folder indicates that it contains ready-to-print images.



hot folder icon

1. Launch the Easy Print application:
   - From the Windows desktop, click the **Start** menu, and select **Programs>Easy Print>Easy Print.**
   - From a MACINTOSH computer, navigate to the Easy Print folder and double-click the Easy Print icon.

   The image appears in the preview window.
2. Accept the default settings, or make any changes you wish.
3. Click **Print** to send the image to the printer.
4. The icon for the hot folder indicates if it contains additional images.

Adjusting Your Images Before Printing

Many of the options on the Easy Print dialog box may already be set for you on the Easy Config dialog box. You can change the settings for any of the following defaults for the current file you loaded. However, the default settings return when you load the next image.

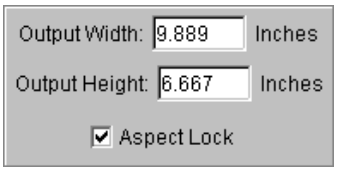
Adjusting the Output Size

Note:

- If you select the Aspect Lock check box, the correct proportions of the image will be maintained.
- If the **Aspect Lock** check box is selected, you need to set only either the height or the width.

1. Enter a value for the width of the image you wish to print in the **Output Width** box.
2. Tab to the **Output Height** box, and enter a value for the height of the image you wish to print. The maximum height is 100 ft.

Note: If you select the Aspect Lock check box, the output height is automatically calculated to maintain the correct image proportions.



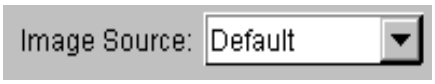
Setting the Print Quality

You can change the output quality of your prints by moving the slider between **High Productivity** and **Best Image Quality**. However, when you move the slider to the right for Best Image Quality, the print time increases.

The center position provides the best balance of speed and quality.

Selecting the Image Source

From the **Image Source** list, select the input device that created the input for the image.



IMPORTANT: Select the correct input device because it is configured for the best possible color correction.

Selecting a Printer

Select your printer from the Printer list. Select the Print to File check box to process the file and save it in a folder to print at a later time. See "Printing a PRF File" on page 4-6.

Selecting the Media

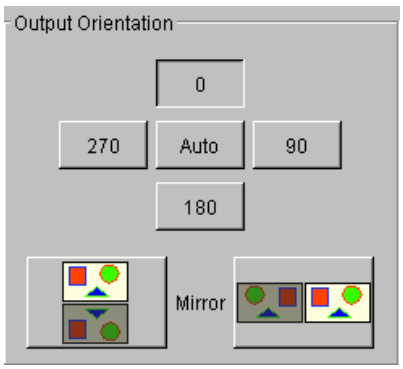
From the Media list, select the media currently loaded in the printer.

IMPORTANT: Select the correct media and media width because each contains a set of parameters that are applied to your image to give you the best quality print.

Selecting the Orientation of Your Image

Use the **270**, **180**, and **90** buttons in the **Output Orientation** box to rotate your image.

- Select a 0 rotation to print the image in the orientation in which it was created.
- Select Auto for Easy Print to set the best rotation for the image to conserve media.



Note: Rotating images requires more memory which may cause your system to process data more slowly. You should have a minimum 400 MB of free disk space for rotating the largest input image size (8000 x 8000 pixels).

Mirror - Click the appropriate **Mirror** icon to create a vertical or horizontal mirror image only if printing on backlit film or other transparent media.

Selecting the Photograph Check Box

Select the Photograph check box if the image you are printing is a photograph. Selecting the Photograph check box allows for a smooth and more pleasing color rendering for photographs.

Note: Clear the Photographic check box if you are printing business graphics or line art. Colors are more saturated and have a greater contrast if Photograph is not selected.

Adjusting How Your Image Appears

Move the **Blur/Sharpen**, **Contrast**, and **Darker/Lighter** sliders to change the appearance of your image.

Move the slider of the **Blur/Sharpen** slider to soften or highlight the edges in your image or hide (blur) small defects in the image.

Move the **Contrast** slider to change the contrast in your image.

Move the **Darker/Lighter** slider to brighten or darken an image.

Creating a Print Ready File (PRF)

When you create a PRF file, no data is sent to the printer. You can process a file and print it at a later time, for example:

- if your printer is down for maintenance
- if you want to print all the files with one media type before changing to different media
- if your host computer is not connected to the printer

1. Click the Open File or Hot Folder icon, and load the file you wish to process to PRF format.
2. Select the Print to File check box.

3. Set print options as previously indicated.
4. If Print to File is selected, the copies field is shaded and set to 1.
5. Click the **Print** button.

   Easy Print prompts for a PRF file name and then prints to a PRF file.

Printing a PRF File

1. Click the Open File icon and load the PRF file.

Note: The image will not be displayed in the preview.

IMPORTANT: You cannot use the options on the Easy Print dialog box. Your print will use the settings you applied when you created the PRF file.

2. Click **Print**.

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